

Amendments to the Specification

A substitute specification under 37 CFR 1.125 in both marked-up and clean versions is submitted herewith to effect the following changes:

On page 1, before line 1, added is the following heading:

BACKGROUND AND SUMMARY

On page 5, added are the following new paragraphs after the paragraph ending at line 6:

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1. The chromium ion concentration (Cr(VI) and Cr(III)) of filtrates from suspensions of ground samples of cement with no additives or with increasing concentrations of stannous ion, as measured by ICP. Cr(III) is very insoluble in water. The graph shows the decrease of soluble chromium ions as the concentration of the stannous ion is increased.

FIG. 2. Figuratively tracing the transfer of electrons from two oxidation-reduction couples, Ox_1/Red_1 and Ox_2/Red_2 diagrammed on a scale of redox potential, E^0 (V), yields a shape that is similar to the Greek letter gamma and may be referred to as the "law of gamma."

FIG. 3. A diagram showing the reduction-oxidation potential relationship of the $CrO_4^{2-}/Cr(OH)_3$ redox couple (-0.12 V) and the $Sn(OH)_6^{2-}/Sn(OH)_4^{2-}$ redox couple (-0.96 V).

FIG. 4. A diagram showing the reduction-oxidation potential relationship of the Sn^{4+}/Sn^{2+} redox couple (-0.96 V) and the $CrO_4^{2-}/Cr(OH)_3$ redox couple (-0.12 V).

FIG. 5. A diagram showing the reduction-oxidation potential relationship of the $CrO_4^{2-}/Cr(OH)_3$ redox couple (-0.12 V) and the $Fe(OH)_3/Fe(OH)_2$ redox couple (-0.56 V).

FIG. 6. A diagram showing the reduction-oxidation potential relationship of the $CrO_4^{2-}/Cr(OH)_3$ redox couple (-0.12 V) and the $Mn(OH)_3/Mn(OH)_2$ redox couple (-0.4 V).

DETAILED DESCRIPTION

The figures on pages 6, 7, 8, 9, and 10 have been removed from the specification.